

SECTION 10160
METAL TOILET COMPARTMENTS

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Metal toilet compartments, floor mounted and overhead braced
- B. Urinal screen(s), wall mounted

1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01300.
 - 1. Catalog data indicating panel construction, hardware and accessories.
 - 2. Color chart indicating the full range of standard colors.
 - 3. Shop drawings indicating partition plans and elevations, dimensions, details of wall and floor supports, and door swings.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Bobrick Equipment, Inc.
- B. Sanymetal
- C. Accurate Partitions, Inc.

2.2 MATERIALS

- A. Use sheet steel conforming to ASTM A526 with G90 zinc coating.
- B. Provide attachments, screws and bolts made from stainless steel, tamper proof type; heavy duty extruded aluminum brackets.
- C. Provide hardware with chrome plated non-ferrous cast pivot hinges, gravity type, adjustable for door close positioning; nylon bearings; thumb turn door latch; door strike and keeper with rubber bumper; cast alloy chrome plated coat hook and bumper.

2.3 FABRICATION

- A. Fabricate partitions in accordance with FS RR-P-1352.
- B. Fabricate components of steel sheet as follows:
 - 1. Panel and door faces, 22 gage
 - 2. Pilaster faces, 18 gage
 - 3. Reinforcement, 12 gage
- C. Provide panels and doors 1 inch thick by 58 inches high, with sheet steel faces pressure bonded to sound deadening core.

- D. Provide pilasters 1 inch thick, constructed same as panels and doors, of sizes required to suit cubicle width and spacing.
- E. Provide pilaster shoes conforming to ASTM A167 Type 304 stainless steel with No. 4 finish.
- F. Provide internal reinforcement in areas of attached hardware and fittings.

2.4 FACTORY FINISHING

- A. Clean, degrease and neutralize panels.
- B. Follow with a phosphatizing treatment prime coat and two finish coats of baked enamel of color selected.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify that site conditions are ready to receive work of this Section, and opening dimensions are as indicated on shop drawings.
- B. Verify correct spacing of toilet fixtures.
- C. Verify correct location of built-in framing, anchorages and bracing, where required.
- D. Do not begin installation, and notify the University inspector, if existing conditions will adversely affect acceptable results.

3.2 INSTALLATION

- A. Install partitions secure, plumb and level, in accordance with approved shop drawings.
- B. Maintain 3/8 to 1/2 inch space between wall and panels, and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices.
- D. Attach panels and pilasters to brackets with through sleeve tamperproof bolts and nuts.
- E. Anchor urinal screen panel to wall with two panel brackets and vertical upright consisting of 6 inch wide pilaster stock and socket anchored to floor.
- F. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster. Conceal floor fasteners with pilaster shoes.
- G. Equip doors with 2 hinges, 1 door latch, and 1 coat hook and bumper.
- H. Install door strike and keeper with door bumper on pilaster in alignment with door latch.
- I. Adjust hinges to locate door in full closed position when latched.

3.3 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.

3.4 CLEANING

- A. Remove protective maskings, clean surfaces.
- B. Replace damaged or scratched materials with new materials.

END OF SECTION